

Kaufman, H. P.

MODERN NUTRITIONAL PROBLEMS, I. NUTRITIONAL
RESEARCH, CRITICISM OF FOOD-STUFFS, THE
REFORM OF THE FOOD LAW, AND OF THE
EDUCATION OF FOOD CHEMISTS. [1963] 18p. 15 refs.
Order from SLA \$1.60

63-16394

Trans. of Fette Seifen Anstrichmittel (West Germany)
1956, v. 58, no. 10, p. 886-890.

DESCRIPTORS: *Nutrition, Preservation, Processing,
Food, Standards, Distribution (Economics), Education,
Chemists.

(Food, TT, v. 10, no. 8)

63-16394

I. Kaufman, H. P.
II. Title: Nutritional...

Office of Technical Services

The Significance of Fat in Nutrition, by H. Dam,
12 pp.

GERMAN, per, Fette u Seifen, Vol LVIII, Nov 1956,
pp 977-984.

SLA 57-1205

Sci - Medicine
Mar 58

60, 631

Cadmium Vermilion: A New Class of Pigments, by H.
Pfleiderer, 5 pp.

GERMAN, per, Fette Seifen Anstrichmittel, Vol LVIII,
No 12, 1956, pp 1073-1076.

SLA 59-15653

Sci
Dec 59
Vol 2, No 5

104,263

Lauer, F. J.
THE BEHAVIOR OF PARAFFINS OF LOW OIL-CON-
TENT AND OF OILS DURING THERMAL CAPILLARY
ANALYSIS. [1962] 12p. (fig. omitted) 4 refs.
Order from SLA \$1.60

63-10296

Trans. of Fette Seifen Anstrichmittel (West Germany)
1957, v. 59, no. 3, p. 140-142.

DESCRIPTORS: *Oils, Analysis, Liquids, Solids,
Viscosity, Gasoline, Temperature, Methanes.

The effects of liquid admixed substances in solid paraf-
fins on the height of rising in thermal capillary analysis
are investigated and discussed, taking into consideration
the type and quantity of the admixed substances as well
as the viscosity and the solidification points of the
paraffins. (Author)

(Materials--Fuels, TT, v. 10, no. 2)

63-10296

I. Lauer, F. J.

Office of Technical Services

Becker, E. and Roeder, I.
SORBIC ACID AS A PRESERVATIVE FOR MARGA-
RINE. [1961] [15]p. 38 refs.
Order from SLA \$1.60

61-16091

Trans. of Fette Seifen Anstrichmittel (West Germany)
1957, v. 59 [no. 5] p. 321-323.

DESCRIPTORS: Preservation, *Fats, *Margarine,
*Sorbic acid.

(Food, TT, v. 6, no. 3)

61-16091

I. Becker, E.
II. Roeder, I.

175232

Office of Technical Services

Relationship Between the Protein Content and the
Nutritive Condition of the Norway Haddock, by
C. H. Brandes, R. Dietrich.

GERMAN, per, Fette-Seifen-Anstrichmittel, Vol 59,
No 6, 1957, pp 434-437.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

No A-28/May 69/81

On Loan Only

Sci-BGM

July 69

388,624

Koch, H.
RECENT RESULTS IN THE SYNTHESIS OF
BRANCHED CARBOXYLIC ACIDS. [1961] 12p.
Order from ATS \$16.65 ATS-17N55G

Trans. of Fette Seifen Anstrichmittel (West Germany)
1957, v. 59, no. 7, p. 493-498.

DESCRIPTORS: *Carboxylic acids, Synthesis, Acids.

(Chemistry--Physical, TT, v. 6, no. 11)

61-25652

I. Koch, H.
II. ATS-17N55G
III. Associated Technical
Services, Inc.,
East Orange, N. J.

358714

Office of Technical Services

Separation of Mixtures of Hydrocarbons by Adsorptive and
Preparative Methods and Their Application to Waxes
IX*, Part 1, by G. Spengler, Hauf, G. Munich, 13 pp.

GERMAN, per, Fette Seifen, Anstrichmittel, Vol LIX,
No 7, 1957, pp 509-514.

SLA 58-522 also 63-16480

Sci

Aug 59

95, 115

Measurement of the Heat Expansion of Waxes, by G.
Rosenberg, W. Brotz, 17 pp.

GERMAN, per, Fetter-Seifen-Anstrichmittel, Vol LIX,
1957, pp 589 594.

SLA 57-3549

Sci

Jul 59

92,369

Studies of the Rheometry and Rheology of Malted
Chocolate. I. Determination of Yield Point,
by A. Fincke, W. Heinz, 14 pp.

GERMAN, per, Fette Seifen Anstrichmittel,
Vol. LXX, No 8, 1958, pp 646-651.

7

SLA 60-14262

Sci
Jan 62
Vol. LXX, No 10

181, 264

Lundberg, W. O.
DIETARY PROBLEMS IN THE FIELD OF LIPIDS.
[1963] 12p. 22 refs.
Order from SLA \$1.60

63-16494

Trans. of ~~Fette-Seifen-Anstrichmittel~~ (West Germany)
1957, v. 59, no. 10, p. 811-814.

DESCRIPTORS: *Lipids, *Fats, *Diet, *Atherosclerosis,
Cholesterol, Blood vessels.

The article is a general review of the present status of our knowledge concerning the part lipids are playing in the origin of atherosclerosis. The conclusion is that thus far, no proof exists that the influence of different kinds of dietary fats have on the plasma cholesterol level and on the development of vessel damages by atherosclerosis has any connection with the classical effect of essential fatty acids. A research program is (Biological Sciences--Pathology, TT, v. 10, no. 7)
(over)

63-16494

I. Lundberg, W. O.

Office of Technical Services

Studies of the Biosynthesis of Terpenes,
Resin Acids and Steroids With the Aid of
Radioactive Progenitors, by W. Sandermann,
H. Stockmann, *7 pp*

GERMAN, per, Fette Seifen Anstrichmittel,
Vol LIX, No 10, 1957, pp 852-856.

ATS-61M39G

Sci
Mar 62
Vol IV, No 2

188,903

Pieper, H. and Hartlapp, G.
ON THE PRODUCTION OF PHOSPHORIC ACID AND
PHOSPHATES, PTS. II-IV. [1961] [13]p. 15 refs.
Order from SLA \$1.60 61-20891

Trans. of Fette Seifen Anstrichmittel (West Germany)
1957, v. 59, no. 11, p. 961-966.

DESCRIPTORS: *Phosphoric acids, Acids, *Phosphates
Production, Decomposition, Sulfuric acid, Chemical
reactions, Physical properties

Contents:

Phosphoric acid by wet decomposition with sulfuric
acid

The physical properties of phosphoric acid
The higher condensed acids

(Engineering--Chemical, TT, v. 7, no. 5)

61-20891

I. Pieper, H.
II. Hartlapp, G.

Studies of the Behavior of Aluminum Toward Common
Organic Solvents, by K. Broockmann.
GERMAN, per, Fette Seifen Anstrichmittel,
Vol LIX, No 12, 1957, pp 1078-1084.
ATS-08R78G

Sci-
Apr 67

322,323,000

Effect of Porefillers for Wood Furniture on
Unsaturated Polyester Lacquers, by K. Weigel,
H. Gohring.

GERMAN, per, Potte Seifen Anstricht Mittel,
Vol LIX, No 12, 1957, pp 1089-1091.

GE/39/Pa. 69

Sci-Materials
May 63

232,165

Detection of Polynuclear Aromatics in
Hydrocarbon Waxes, by W. Presting,
S. Janicke, &c.
GERMAN, per, Fette-Seifen Anstrichmittel,
Vol 60, No 1, 1958, pp 12-16.
SLA TT-64-30685

333, 849

Sci
Aug 67

The Identification of Polycyclic Aromatics in
Hydrocarbon Waxes, by W. Presting, S. Janich, 9 p.

GERMAN, per, Fette Seifen Anstrichmittel, 1958,
Vol IX, No 1, pp 12-16.

SLA 59-20437

Sci
Mar '60
Vol 3, No 1

110,870

Packaging Films, by E. Debus.

FERMAN, per, Fette Und Seifen, Anstrichmittel,
Vol LX, 1958, pp 133-138.

CSII:0

Sci - Engr
Oct 61

171, 377

Potentiometric Determination of High Molecular Weight Fatty Acids and Fatty Acid Mixtures, by Christine Sass, 8 pp.

GERMAN, per, Fette Seifen Anstrichmittel,
Vol. LXI, No 2, 1959, pp 93-95.

AEC Tr: 3765

Sci - Chem

Oct 59

98,985

Sodlacek, B. A. J. and Rybin, R.
THE DETERMINATION OF THE DEGREE OF
RANCIDITY OF FATS BY THE COLORIMETRIC
METHOD WITH DIPHENYL CARBAZIDE. [1961] 10p.
(1 footnote omitted) 23 refs.
Order from SLA \$1.10

61-16110

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. 61, no. 2, p. 134-138.

DESCRIPTORS: *Fats, *Colorimetric analysis,
*Rancidity, Determination, Carbazides, Phenyl
radicals, Vegetable oils.

61-16110

I. Sodlacek, B. A. J.
II. Rybin, R.

175237

Kaufmann, H. P. and Schnurbusch, H.
INTERESTERIFICATIONS IN THE FIELD OF FATS.
II. THE CALORIMETRIC INVESTIGATION OF INTERESTERIFICATION WITH THE AID OF DIFFERENTIAL THERMAL ANALYSIS. [1961] 7p. (10 figs. omitted) 7 refs.
Order from SLA \$1. 10

61-16112

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. (I, no. 3, p. 177-181.

DESCRIPTORS: *Fats, *Esterification, Fatty acid esters, Soybean oil, Calorimetry, Temperature

(Chemistry--Organic, TT, v. 6, no. 3)

61-16112

I. Kaufmann, H. P.
II. Schnurbusch, H.
III. Title: Calorimetric...

175239

Office of Technical Services

Wurziger, J. and Lindemann, E.
A CONTRIBUTION TO THE INVESTIGATION AND
EVALUATION OF HEATED FATS. [1961] 18p. 12 refs.
Order from SLA \$1.60 61-16111

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. 61 [no. 4] p. 257-264.

DESCRIPTORS: *Fats, Temperature, Stability,
Chemical analysis, Peroxides.

(Food, TT, v. 6, no. 3)

61-16111

I. Wurziger, J.
II. Lindemann, E.

175235

Office of Technical Services

Analytical Detection of Synthetic Antioxydants
in the Edible Oils II: Separation and
Identification of Synthetic Antioxydants
Through Thinfilm Chromatography, by
Arthur Seher, 21 pp.

GERMAN, per, ~~Fatta~~, Seifer, Anstrichmittel,
Vol LXI, No 5, 1959, pp 345-351. 9688757

DDC RSIC-62

Sci - Chem
Nov 63

241,679

J-857/62

Research on Fats in Foreign Countries; Part V:
The Soviet Union, by H. P. Kaufmann,

GERMAN, per, Fette - Seifen - Anstrichmittel -
Die Ernahrungsindustrie, Vol LXI, No 6, 1959,
pp 451-453, 455.

p. *JPRS DC-6935

Sci - Biol
13 Jul 62

Paper Chromatography in the Field of Fats XXXI:
The Separation of Mixtures of Synthetic and
Natural Triglycerides by Means of Paper
Chromatography, by H. P. Kaufmann, 16 pp.

GERMAN, per, Fette-Seifen-Anstrichmittel,
Vol LXI, No 8, 1959, pp 631-636.

CSIR Tr. No 205

Sci - Chem/Phys

203,490

Jul 62

Kaufmann, H. P. and Valther, G.
PAPER CHROMATOGRAPHY IN THE FIELD OF
FATS. XXXVI. PAPER CHROMATOGRAPHY FOR
THE DETECTION OF SURFACE-ACTIVE AGENTS
BY MEANS OF THE TRANSPARENCY METHOD.
[1940] 8p. (2 figs. omitted) 4 refs.
Order from SLA mi\$1.80, ph\$1.80 f1-10196

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. 61, no. 9, p. 782-784.

Nonionizable emulsifiers and detergents may be separated on paper impregnated with paraffin. Because of the wetting properties of the substances, the zones are made visible, through a simple treatment with water or a dyestuff solution. (Author)

(Chemistry--Analytical, TT, v. 5, no. 4)

61-10196

1. Wetting agents--
Chromatographic analysis
 2. Fats--Chromatographic
analysis
 3. Paper chromatography--
Applications
 4. Surface-active agents--
Chromatographic analysis
1. Kaufmann, H. P.
II. Valther, G.

143,210

Office of Technical Services

Eckhardt, H. HOECHST CHLOROPARAFFINS FOR COATINGS. 15 Feb 61. Order from TTIS \$9.00 Trans. of Fette Seifen Anstrichmittel (West Germany) 1959, v. 61, Nov, p. 1127-1129.	61-12846 1. Coatings--Materials 2. Methanes--Applications 3. Title: Hoechst paraffins I. Eckhardt, H. II. TTIS-2166 III. Translation and Technical Information Services (Gt. Brit.)
151612	Office of Technical Services
(Materials--Finishes, TT, v. 5, no. 8)	

Metzger, A. Kelchner, G. and Gennert, M.
STUDIES ON THE TETRAPROPYLENEBENZENES.
[1960] 20p. 9 refs.

Order from SLA ml\$2.40, ph\$3.30

60-18501

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. 61, no. 11, p. 1131-1138.

It is shown that the tetrapropylenebenzenes contain isomer mixtures. Through investigating the behavior of alkylbenzenes to various sulfonating agents, the ratio of the isomers in the mixture is determined. The results lead indicate that there is no marked difference between the fractions which can be sulfonated and those which cannot be sulfonated. (Author)

60-18501

- I. Benzenes--Properties
- I. Metzger, A.
- II. Kelchner, G.
- III. Gennert, M.

142,808

Office of Technical Services

(Chemistry--Organic, TT, v. 5, no. 2)

Broz, W. EXPERIMENTS ON THE CHARACTERIZATION OF WAXES ACCORDING TO THEIR FLOW BEHAVIOR. [1960] 6p. (10 figs. omitted) Order from SLA ml\$1.80, ph\$1.80 60-18502 Trans. of Fette Seifen Anstrichmittel (West Germany) 1960, v. 62, no. 1, p. 31-36. Another translation is available from SLA ml\$2.40, ph\$3.30 as 60-16767 [1960] 12p. 142,745 (Chemistry--Physical, TT, v. 5, no. 2)	60-18502 1. Waxes--Mechanical properties 2. Waxes--Temperature factors 1. Broz, W. Office of Technical Services
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Paper Chromatography in the Field of Fats, XL.
The Separation of Fatty Acid Mixtures, by
H. P. Kaufmann, 20 pp.

GERMAN, per, Fette-Seifen-Anstrichmittel,
Vol. LXII, No 3, 1960, pp 153-160.

CSIR Tr No 206

203,491

Sci - Chem/Phys

Jul 62

Robinson-Gornhardt, L.
PROPERTIES OF PARAFFIN AND PARAFFIN
BLENDS WITH REFERENCE TO THE COATING
PROCEDURE. Communication no. 2 on Properties of
Paraffin Melts for the Surface Coating of Papers.
[1960] 18p. 15 refs.
Order from SLA m\$2.40, ph\$3.30 61-10269

Trans. of Fette Seifen Anstrichmittel (West Germany)
1960 [v. 62] no. 3, p. 175-182.

The investigations were carried out on highly refined
paraffin (60/62°C) with additions of microparaffin
Mikro 78, polyisobutylene Oppanol 8 15, and a poly-
ethylene type of the molecular weight 8000. The addi-
tion of microparaffin in small percentages causes a
definite increase in viscosity just above the melting
point. A sudden increase in viscosity is noticeable
when more than 2% Oppanol 8 15 is added. A com-
parison with the usual methods for the determination
(Materials--Papers, TT, v. 5, no. 4) (over)

61-10269

1. Paper--Coatings
2. Synthetic waxes--
Properties
1. Robinson-Gornhardt, L.
- II. Title: Properties...

143,190

Office of Technical Services

Investigations of Rheometry and Rheology of
Molten Chocolate. 3. Calculation of Flow of
Molten Chocolate in Piping, by A. Fincke,
W. Heinz, 13 pp.

GERMAN, per, Fette Seifen Anstrichmittel, Vol
LXII, No 3, 1960, pp 197-204.

ATS-65M4G
ATS/358-GT
196,838

Sci

May 62

Kuchenbuch, J.
THE CHEMISTRY OF UNSATURATED POLYESTER
RESIN LACQUERS [Zur Chemie der Ungesättigten
Lack-Polyesterharze]. [1963] [24]p. (foreign text
included) refs.

Order from SLA \$2.60

63-16786

Trans. of Fette Seifen Anstrichmittel (West Germany)
1960, v. 62, no. 4, p. 326-332.

DESCRIPTORS: *Varnishes, *Polyester plastics,
Corrosion inhibition, Additives, Wood, Pigments,
Metal coatings, Chemical analysis, Plastic prints.

The author deals with the essential constituents of
unsaturated polyester resins and gives various methods
to prevent the inhibiting action of atmospheric oxygen
during the filmbuilding, such as addition of small
amounts of paraffin. New methods for the synthesis of
polyester resins suitable for coatings are given which
(Materials--Finishes, TT, v. 10, no. 8) (over)

63-16786

I. Kuchenbuch, J.

Office of Technical Services

Investigation of Copolymers of Cyclopentadiene
and Drying Oils From a Paint Technological
Viewpoint, by H. P. Kaufmann, H. Gruber.

GERMAN, per, Fette Seifen Anstrichmittel,
Vol LXII, 1960, pp 607-610.

TTB-2231

196,858

Sci
May 62

Vol 4, No 10

Thin-Layer Chromatography in the Field of Fats.
I: Separation of Experimental Mixtures, by H. P.
Kaufmann, 17 pp.

GERMAN, per, Fette-Seifen-Anstrichmittel,
Vol LXII, No 11, 1960, pp 1014-1020.

CSIR Mt Tr No 203

Sci - R Chem / Phys

203, 488

BMK
Jul 62

Kaufmann, H. P. and Malz, F.
ON THE ADSORPTIVE PRECIPITATION AND SKIM-
MING OF DETERGENTS FROM AQUEOUS SOLU-
TIONS. [1961] 20p.
Order from SLA \$1.60

61-16122

Trans. of Fette Seifen Anstrichmittel (West Germany)
[1960] v. 62, no. 11, p. 1024-1030.

DESCRIPTORS: *Detergents, Separation, Adsorption,
Water.

Two technical methods are possible for the removal of
detergents from aqueous solutions, adsorptive precipi-
tation and skimming.

(Chemistry--Organic, TT, v. 6, no. 3)

61-16122

I. Kaufmann, H. P.
II. Malz, F.

175240

Office of Technical Services

Rost, H. E.
INVESTIGATION OF THE DIRECTED INTERESTERIFICATION OF PALM OIL. Address at the DGF Meeting [held at] Hamburg 24 Oct 60. [1961] 9p. 7 refs.
Order from SLA \$1.10 61-18809

Trans. of *Fette Seifen Anstrichmittel* (West Germany) 1960, v. 62, no. 11, p. 1078-1082.

DESCRIPTORS: *Oils, Catalysts, *Esterification, Chemical reactions, Processing, Glycerols, Fatty acid esters, Acceleration, Crystallization, Stirrers.

The directed interesterification of palm oil is investigated in accordance with the principles developed by E. W. Eckey. Through the different analytical methods it was possible to ascertain the influence of the reaction time, the temperature, mechanical stirring as well as the quantity and the degree of distribution of the catalyst on the changes of glyceride composition of palm oil. (Author)

61-18809

- I. Title: Palm oil
1. Rost, H. E.
- II. Title: DGF ...

107291
(Engineering--Chemical, TT,
v. 6, no. 10)
Office of Technical Services

Presting, W. and Jänicke, S.
APPLICATION OF ION-EXCHANGE METHODS IN
WAX ANALYSIS. II. DETERMINATION OF THE
NEUTRAL PART. Paper presented at the DGF-Meeting
[held] in Hamburg, 24 Oct 60. [1962] 37p. (3 figs.
omitted) 13 refs.

Order from SLA \$3.60

62-10738

Trans. of Fette Seifen Anstrichmittel (West Germany)
1961, v. 63, no. 1, p. 49-55.

DESCRIPTORS: *waxes, Soaps, Fatty acids, *ion ex-
change, Separation, Chromatographic analysis.

The authors report on studies for the group-separation
of waxes using ion-exchange methods. The neutral
portions of natural and synthetic waxes are isolated
and determined. Wax soaps and wax free fatty acids
are separated by a mixed-bedexchange. The deter-
mination of the total, and particularly the high melting
(Chemistry--Analytical, TT, v. S, no. 7) (over)

62-10738

- I. Presting, W.
- II. Jänicke, S.
- III. Title: Determination ...
- IV. Title: DGF-...

Office of Technical Services

Paper Chromatography in the Field of Fats,
XLIV: The pcanalysis of Glycerides, by H. P.
Kaufmann, 22 pp.

GERMAN, per, Fette-Seifen-Anstrichmittel,
Vol LXIII, No 2, 1961, pp 125-132.

CSIR Tr No 204

Sci Chem/Phys

203, 489

Jul 62

Epoxy and Episulfide Compounds in the Realm of
Fats. Part I. Literature of Epoxyfatty Acids
and Their Utilization in the Synthesis of the
Hydroxyaminofatty Acids. Communication No 258
of Fatty Acids, by H. P. Kaufmann, et al.
GERMAN, per, Fette, Seifen, Anstrichmittel,
Vol 63, No 3, 1961, pp 239-250.
NTC 71-13611-07C

Feb 72

Epoxidation of Unsaturated Fatty Esters, by
L. Kovacs.

GERMAN, per, Fette. Seifen. Anstrichmittel,

Vol 63, No 3, 1961, pp 251-256.

NTC 71-13609-07C

Feb 72

Pfrenge, O. and Hintz, I.
PAPER CHROMATOGRAPHIC IDENTIFICATION OF
SWELLING AGENTS ESPECIALLY IN DETERGENTS.
[1962] [6p. (6 figs. omitted).
Order from SLA \$1.10

62-16192

Trans. of Fette Seifen Anstrichmittel (West Germany)
1961, v. 63, p. 630-632.

DESCRIPTORS: *Detergents, Identification, *Paper
chromatography, Adsorption, Ion exchange, Detection.

(Materials, TT, v. 9, no. 3)

62-16192

1. Title: Swelling agents
- I. Pfrenge, O.
- II. Hintz, I.

Office of Technical Services

Thin-Layer Chromatography in the Field of Fats, III;
On Methods for Rendering the Substances to be
Analysed Visible on the Plate, by H. P.
Kaufmann, 8 pp.

GERMAN, per, Fette-Seifen-Anstrichmittel, Vol LXIII,
No 8, 1961, pp 689-691.

CSIR Tr No 207

Sci
Chem / Phys

Jul 62

203,494

62-12686

Machu, W.

PROTECTION OF METAL SURFACES BEFORE AP-
PLICATION OF PAINTS AND LACQUERS: THEO-
RETICAL PRINCIPLES AND PRACTICAL EXECUTION
OF PRETREATMENT METHODS FOR METALS BE-
FORE APPLICATION OF PAINTS AND LACQUERS.
[1961] 16p.

Order from ATS \$29.50

ATS-58P58G

Trans. of Fette Seifen Anstrichmittel (West Germany)
1961, v. 63, no. 10, p. 950-960.

DESCRIPTORS: *Metals, Surfaces, Coatings, *Paints,
*Varnishes.

(Materials--Finishes, TT, v. 7, no.10)

I. Machu, W.

II. ATS-58P58G

III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/825-GT

Office of Technical Services

Semi-Micro Determination of Antioxidants in Lard,
by E. A. J. Sedlacek.

GERMAN, per, Fette und Seifen, Vol LXIII, No 11,
1961, pp 1053-1056.

GB/221

Sci-Biol

Aug 63

342,016

Hüttel, R.
ETHYLENEIMINE POLYESTER RESINS. [1963] 6p.
(tables equations omitted).
Order from SLA \$1.10

63-14416

Trans. of Fette Seifen Anstrichmittel (West Germany)
1962, v. 84, no. 2, p. 107-110.

DESCRIPTORS: *Polyester plastics, *Ethyleneimines,
Succinatea, Polymerization, Hardening, Alcohols,
Carboxylic acids, Physical properties, Tensile
properties, Hardness, Chemical properties.

(Materials--Plastics, TT, v. 10, no. 4)

63-14416

I. Hüttel, R.

Office of Technical Services

Schwitzer, M. K.
NEW METHODS OF PREVENTING METAL CORROSION BY USE OF CATIONIC COMPOUNDS. [1962]
[6]p. 27 refs.
Order from SLA \$1.10

62-20375

Trans. of Fette Seifen Anstrichmittel (West Germany)
1962, v. 64, no. 2, p. 110-113.

DESCRIPTORS: Metals, *Corrosion inhibition, Alkyl radicals, Amines, *Protective treatments.

(Metallurgy--Corrosion, TT, v. 9, no. 10)

62-20375

I. Schwitzer, M. K.

Office of Technical Services

The State of a ~~RESEARCH~~ Fish's Body Considered
as a Reflection of Its Inheritance, Vitality and
Environment, by F.W.F. Morawa.
GERMAN, per, Fette-Seifen-Anstrichmittel, Vol LXIV,
No 2, 1962, pp 128-133.

Fisheries Research Board
Canada, Halifax Station

Sci - Biol
Mar 64

252,184

Thin-Layer Chromatography in the Field of Fats
VIII: Triglycerides and Their Critical Partners, by
H. P. Kaufmann, B. Das. GOVERNMENT USE ONLY
GERMAN, per, Fette, Seifen, Anstrichmittel, Vol LXIV,
1962, pp 214-217. 9694652
DDC RSIC-206

Sci - Chem
Oct 64

268,319

Heinz, H. J. and Fischer, W. K.
DETERGENTS IN WATER AND WASTE WATER.
[1963] [45]p. 176 refs.
Order from SLA \$4.60

63-14401

Trans. of Fette Seifen Anstrichmittel (West
Germany) 1962, v. 64, no. 3, p. 270-279:

DESCRIPTORS: *Cleaning compounds, *Water,
*Wastes (Sanitary engineering), Chemical properties,
Physical properties, Disposal, *Surface-active
substances, Toxicity, Animals, Man, *Sanitary
engineering, Bibliographies.

Publications on the problem of detergents in water and
waste water, have been summarized into seventeen
sections grouped according to subject. References to
the new literature utilized (up to about May, 1961)
offer the reader the opportunity to obtain further
specific information.

63-14401

I. Heinz, H. J.
II. Fischer, W. K.

(Engineering--Sanitation, TT,
v. 10, no. 4)

Office of Technical Services

Application of Gas Chromatography in the Field of
Fats II, by H. P. Kaufmann, A. Seher, et al.
GERMAN, per, Fette 1 Seifen - Anstrichmittel,
Vol LXIV, No 6, 1962, pp 501-509.

Fisheries Research Board
Canada, Halifax Lab

Sci - Chem

MKar 64

252,160

Barth, K.
PRACTICAL USE OF FAT IN THE RATIONS OF
AGRICULTURAL DOMESTIC ANIMALS. [1962] 7p.
(figs. omitted) 26 refs.
Order from SLA \$1.10

62-18844

Trans. of Fette Seifen Anstrichmittel (West Germany)
1962, v. 64, no. 6, p. 521-524.

DESCRIPTORS: *Fats, *Food, Diet, *Agriculture,
*Animals, Nutrition, Corn, Wheat, Costs, Production,
Meat, Energy.

(Agriculture--Animal Husbandry, TT, v. 9, no. 6)

62-18844

I. Barth, K.

Office of Technical Services

Gas Chromatographic Investigation of the Fatty
Acids of Tall Oil, by W. Sandermann, 10p.
GERMAN, per, Fette Seifen Anstrichmittel,
Vol 64, No 9, 1962, no p. Numbers.
NRC C-5619

Sci-B&M
Jul 66

307,611

The α -Glyceryl Ethers of Cod-Liver Oil, by
A. Emmerle, C. Engel.
GERMAN, per, Fette - Seifen - Anstrichmittel,
Vol LXIV, No 9, 1962, pp 813-816.

Fisheries Research Board
Canada, Halifax Station

Sci - Chem
Mar 64

252,174

Significance of Variations in the Content of
Nucleotides, Free Amino Acids and Carbohydrates
in the Muscle of Fish for Evaluation of
Quality, by F. Bramstedt.

GERMAN, per, Fette Seifen-AnstrMittel, Vol. 64
1962, pp 820-825
NRC C-5751

Sci -
Aug 67

337-173

Water Retention Capacity of Human Skin, by
F. Thiele, K. Schutter.
GERMAN, per, Fette Seifen AnstrMittel, Vol 64,
1962, pp 625,631.
CSIRO/Ne 9637

Sci/B & M
July 69

385-976

Bartusch, W., Heiss, R., and Gorling, P.
EXPERIMENTS WITH THE FLOW OF BLOWN
COVERING LAYERS. I. EFFECT OF AN AIR
CURRENT PASSING PARALLEL TO HORIZONTAL
COVERING-LAYERS. [1963] 21p. 9 refs.
Order from SLA \$2.60

63-18098

Trans. of Fette Seifen Anstrichmittel (West Germany)
1962, v. 64, no. 12, p. 1109-1114.

DESCRIPTORS: Food, *Coatings, *Cocos, Surfaces,
Mechanical properties, Blowers.

(Food, TT, v. 10, no. 11)

63-18098

1. Title: Confectioneries
2. Title: Pralines
- I. Bartusch, W.
- II. Heiss, R.
- III. Gorling, P.
- IV. Title: Effect...

Office of Technical Services

Processes Occurring During the Stoving of
Alkyd-Melamine Resin Mixtures, by
R. Seidler, H. J. Graetz.

GERMAN, per, Fette Seifen Anstrich, Vol LXIV,
No 12, 1962, pp 1135-1140.

GB 39 Pa

Sci - Chem
Dec 63

245,018

Vitamin E and Essential Fatty Acids, by F. Weber,
et al.
GERMAN, per, Fette ~~Sak~~ und Seifen, Vol LXIV, 1962,
pp 1149-1153.
GB/163/Anon

Sci - B/M
Apr 64

257,270

63-14395

Jaky, M. and Koranyi, A.
THE EFFECT OF α -TOCOPHEROL ON THE ACTIVITY OF SOME NATURAL FAT MIXTURES IN DECREASING SERUM LIPIDS IN CASES OF ARTERIOSCLEROSIS. [1963] 7p. 3 refs.
Order from SLA \$1.10

63-14395

Trans. of Fette Seifen Anstrichmittel (West Germany)
1963, v. '65, p. 11-13.

DESCRIPTORS: *Vitamin E, Drugs, Blood serum,
Lipids, *Atherosclerosis, Therapy.

The authors reported on their recent experimental results on atherosclerotic patients fed a fat diet. They used diets producing a serum lipid-decreasing effect containing a mixture of lard and sunflower or safflower oils and ascertained that the essential fatty acids exerted an optimal effect when the ratio of essential
(Biological Sciences--Pharmacology, TT, v. 10, no. 6)
(over)

I. Jaky, M.
II. Koranyi, A.

Office of Technical Services

Use of Unsaturated Polyester Resin in the
Building Industry, by G. Sprock.
GERMAN, per, Fette Seifen Arnstr Mittel, Vol. 65,
No. 2, 1963, pp 113-117
GB/ 118/LCL/2033/J

Sci -
Aug 67

337-121

New Means of Production of Durable Fish Preserves,
by W. Ludorff.

GERMAN, per, Fette-Seife-Anstrichtmittel, Vol LXV,
No 2, 1963, pp 139-144.

GB 352/249 Fisheries Research
NRC/Ry C-4774 Bd of Canada (Loan)

Sci
Sept 64

Method of Fishing and Fish Quality, by
A. von Brandt.

GERMAN, per, ~~Volk~~Pette-Seife-Anstrichtmittel,
Vol LXV, No 2, 1963, pp 144~~x~~-146.

Fisheries Research Bd
of Canada (Loan)

NRC/Ref: C-4760

Sci
Sept 64

The Formation of Complex Compounds by the
Reaction of Lipids With Proteins, by
J. Pokorny.

GERMAN, per, Fette Seifen Anstrichmittel
Vol LXV, No 4, 1963, pp 278-284.

Dept of Interior
SH211 E82 No 515

Sci-Chem

Dec 63

244,005
(CSIA6/No 6748)

TT-64-10181

I. Haighton, A. J.

CB/163/ANON

Haighton, A. J.
THE CONSISTENCY OF MARGARINES AND FATS.
[1963] 8p 14refs
Order from SLA \$1.10

TT-64-10181

Trans. of Fette Seifen Anstrichmittel (West Germany)
1963, v. 65, no. 6, p. 479-482.

DESCRIPTORS: *Fats, *Margarine, Milk fat, Crystals
lattices, Binders, Processing.

The crystal-lattices of the fat-crystals are mainly responsible for the consistency of shortenings and margarines. The forces which bind the crystals in lattices can be divided into two main groups: (1) The primary irreversible and (2) the secondary reversible binding forces. Rheological measurements before and after the treatment of the fat or margarine give an idea of the structure of the material. (Author)

(Food, TT, v. 11, no. 9)

Office of Technical Services

Rösch, M.
DEGREE OF DISPERSION AND WASHING ACTION.
8p 4refs
Order from SLA \$1.10
TT-64-16678
Trans. of Fette, Seifen, Anstrichmittel (West Germany)
1963, v. 63, no. 9, p. 755-759.

(Materials, TT, v. 12, no. 4)

TT-64-16678

I. Rösch, M.

Office of Technical Services

Separation of Lipides by Means of Thin Layer
Chromatography on Silver Nitrate Impregnated
Silicagel, by B. De Vries, G. Jurriens.
GERMAN, per, Fette Seifen Anstrich, Vol 65, No 9,
1963, pp 7-725
GB/190

Sci -
Jul 67

334,965

Production and Testing of Bleaching Earths
and their Application in the Oils and Fats
Industry, by H. P. Kogler.

GERMAN, per, Fette, Seife, Anstrichmittel,
Vol 65, No 10, 1963, pp 8-834
GB/118/FEU/1742/ J

Sci -

Jul 67

334,995

Thin Layer Chromatography of Fats. 2-4, by H.
Kaufmann.

GERMAN, per Fette Seifen Anstr-Mittel, Vol. 63, pp
235-238, 689-691, 828-832
CSIRO/No. 7775

Sci -
Aug 67

339-509

Study of Biological Behaviour of Detergent
Substances. II. Constitution and Behaviour
Towards Fish of Alkylbenzene Sulphonates,
by E. Hirsch.
GERMAN, per, Fette-Seifen-Anstrichmitte,
Vol 64, No 10, 1963, pp 814-818.
GB/67/1094

Sci -
Jul 67

334,784

TT-64-16842

Kögler, H. P.
PREPARATION AND INVESTIGATION OF BLEACHING
EARTHS AND THEIR USE IN THE OIL AND FAT
PROCESSING INDUSTRY. 10p (1 fig omitted) 8refs.
Order from SLA \$1.10 TT-64-16842

L. Kögler, H. P.

Trans. of ~~Fette-Seifen-Anstrich~~[mittel] (West Germany)
1963, v. 65, no. 10, p. 834-838.

(Engineering--Chemical, TT, v. 12, no. 5)

Office of Technical Services

Present State and Future Trends of Vacuum
Freeze Drying of Foodstuffs, by J. Strasser.
GERMAN, per, Fette Seifen Anstrichmittel,
No. 10, 1963, pp 846-850
NZDIA

Sci -
Aug 67

336-047

Investigations on Frying Fats, by H.E. Rost, E.
Bechker.

GERMAN, per, Fette, Seifen Anstrich, No 66, 1964, pp 32
123

GB 190

Sci -
Aug 67

336,532

Significance of the Reduction Index for
Microorganisms on the Skin With Germicidal
Soaps, by F. A. Thiele, K. G. van Senden,
6 pp.

GERMAN, per, Fette, Seifen, Anstrichmittel,
1964, v 66, No 1, pp 49-61.
SLA TT 64-18136

Jul 66

~~TOP SECRET~~
305,417

Softening Water with Modern Detergents, by
H. Dreyer,
GERMAN, per, Fette, Seifen, Anstrichmitte,
Vol 66, 1964, No 2, pp 97-100
SLA TT-64-30059

Sci - Eng
June 67

327,422

TT-65-12407

Field 7A

Letters, K.
FATTY ACIDS AND ALIPHATIC AMINES IN THE
PREPARATION OF BITUMEN, 35p, (3 figs omitted)
15refs.
Order from SLA: \$3.60 as TT-65-12407

Trans. of Fette Seifen Anstrichmittel (West Germany)
v66 n2 p112-22 1964.

I. Letters, K.

MR 632

TT-65-13807

Field 7C

Pokorny, J.; Zwain, H.; Janleek, G.
THE EFFECT OF TRACES OF METAL ON THE ACTIVITY
OF PHENOLIC ANTIOXIDANTS. 9p, 36refs.
Order from SLA: \$1.10 as TT-65-13807

Trans. of Fette, Seifen, Anstrichmittel (West Germany)
v66 n12 p1059-62 1964.

MR 666

Fires Caused by Compressed Oxygen, by H. Berger,

GERMAN, per, Feuerschutztechnik, Vol XII, No 2,
pp 15-20., 1941.

Chief Librarian
C.S.I.R.O.

314 Albert Street
East Melbourne, Australia
C.2, Vic.

Sci
May 60

115,176

Y
Behavior of Fluorspar in Open-hearth Slags, by
E. Dienschlag, E. Brenneke.

GERMAN, per, Feuerungstechnik, Vol XXII, 1934.

Butcher Tr No 168

16,492

Scientific - Min/Agals .

\$4.80

Fires Caused By Compressed Oxygen by H. Berger.

GERMAN, per, Feuerschutztechnik, No 2, 1941,
pp 15-20.

CSIRO

Oct. 62

New Types of Mixers for Foam Chemicals, by H. Brunwig.
CONFIDENTIAL .

GERMAN, ~~FEUER~~ Feuerschutztechnik 38, 1942, pp 148,149.

DEL Tr 38

16,655

Scientific - Chemistry

Petrographic Investigations on Coal and Their
Practical Application, by M. Th. Mackowsky,
C. Abramski.

GERMAN, per, Feuerungstechnik, Vol XXXI, No 2,3,
1943.

University of Melbourne
Trans. No. 80

Sci1

May 60

115,718

Study of the Occurrence and Development of
Fatigue Cracks.

SWEDISH, rpt, FFA (Sweden) Rpt HU-569, 1955.

RAE 677

Jun 59

An Experimental Determination of the Fatigue Diagram
for Tension and Compression in Alclad Sheet, by
S. Luthander, G. Wallgren.

SWEDISH, F.F.A. Rep., (5), 1948, 11 pp.

The Royal Swedish Air Board
Tr No OT/145

. 8

Scientific - Experimental, fatigue, tension, compression

Index Aeronauticus

An Experimental Determination of the Fatigue Diagram
for Alclad Sheet Specimens With Rivet Holes, Sub-
jected to Tension and Compression, by G. Wallgren.

SWEDISH, F.F.A. Rep., (14), 1948, 12 pp.

The Royal Swedish Air Board
Tr No OT/146
9

Scientific - Fatigue, alclad sheet specimens, tension
compression.

Index Aeronauticus

The Effect of Stopping Holes on the Development
Fatigue Cracks in Plate, by G. Wallgren,
E. Rudin. UNCLASSIFIED

SWEDISH, rpt, F.F.A. Rep. (IW 534), 1955.

RAE 703

Sai - Engr
Oct 58

75, 297

Role of the Pharmacist in the Different Echelons
of the Medical Service in the Field, by M. M. J.
Odeys, 49 pp.

FRENCH, par, Federation Francaise des Amicales
de Pharmaciens de Reserve, No 3, 1957, pp 229-276

ACSI, H-0522

Sci - Med

WBar - France

79,253

Nil

Jan 59

Investigations of the Flow Over the Upper
Surface of a Delta-Wing in Conjunction With
Measurements of the Heat-Transfer - Coefficient
and Temperature Distributions, by H. Thomann.

SWEDISH, per, F. F. A. Rep. (AU-11-120), 1960.

RAE 965

182,625

Sci - & Phys

Feb 62

Measurements of Heat Transfer Coefficient,
Temperature and Pressure Distribution on a
Delta Wing at $M=3.0$, by H. Thomann.

SWEDISH, per, F.F.A. Rep. (AU-11-1²~~5~~0:1), 1960.

RAE 964

182,624

Sci - Phys

EXX
Feb 62

Tuchmann-Duplessis, H. and Mercier-Parot, L.
THE PRODUCTION OF OCULAR MALFORMATIONS
BY ADMINISTRATION OF A HYPO-GLYCEMIC SUL-
FONAMIDE TO THE PREGNANT RAT. 3 Dec 62, 5p.
(figs. tables omitted) 3 refs.
Order from SLA \$1. 10

63-10311

Trans. of Fédération des Sociétés de Gynécologie et
d'Obstétrique de Langue Française. Bulletin, 1958,
v. 10, p. 384-388.

DESCRIPTORS: *Eye, *Anomalies, Drugs, Hypo-
glycemia, *Sulfonamides, *Pregnancy, Rats, *Orinase,
Diabetes.

(Biological Sciences--Pharmacology, TT, v. 10, no. 2)

63-10311

1. Title: Teratogeny
- I. Tuchmann-Duplessis, H.
- II. Mercier-Parot, L.

Office of Technical Services

A New Analytical Method for the Determination of the
Uranyl Ion as the Ammonium Salt of Aurin Tricarboxylic
Acid, and Its Separation From Some Other Metal Ions,
by F. Baykut, T. Halicioğlu, et al, 8 pp.
PORTUGUESE, per, Fen Fak Mecmuası, Vol XXVIII,
Jun-Oct 1963, pp 123-129. 9226661
AEC-NLCO-Tr-4

Sci-Chem
Feb 65

274,532

On the Multiplication of Dirichlet Series,
by E. Landau.

ITALIAN, per, Fend Circolo Math Palermo,
Vol XXIV, 1907, pp 111-117, ~~111-117~~, and
137-140.

INSDOC-1638

Sc1

Jul 58

68,290

Pietermaat, F. P. and Maes, E.
THE ULTRA-RAPID DETERMINATION OF HUMIDITY
IN FLOURS AND GLUTEN DRIED IN A HIGH
FREQUENCY ELECTRIC FIELD. [1963] [10]p. 3 refs.
Order from SLA \$1.10 63-14971

Trans. of Fermentatio (Belgium) 1955, no. 1, p. 30-38

DESCRIPTORS: *Moisture, Determination, *Flour,
*Gluten, Electric fields, Heating, Dehydration,
Electrochemistry.

(Food, TT, v. 10, no. 3)

63-14971

I. Pietermaat, F. P.
II. Maes, E.

Office of Technical Services

Leonardi, P. and Rossi, D.
THE SELLA CORAL REEFS OF THE WESTERN
DOLOMITES. [1961] 28p.
Order from ATS \$39.95

ATS-87N501

Trans. of Ferrara U. Ann[ali]. Sez[ione] IX: Sci[enze]
Geol[ogiche] e Paleontol[ogiche] (Italy) 1957, v. 3,
no. 1, p. 1-36.

DESCRIPTORS: *Coral reefs, *Paleoecology, Italy.

(Earth Sciences--Geology, TT, v. 6, no. 6)

61-22638

I. Leonardi, P.
II. Rossi, D.
III. ATS-87N501
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

176636

Office of Technical Services

Automatic Control of Combustion Applied to Smelting
and Reheating Furnaces, UNCL.

ITALIAN, per, La Ferriera, 26 May 1952.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,149

The First National Production and Quality Conference of the National Rail Workers Union,
28 pp.
SPANISH, per, Ferrovias, No 5, Oct 1963.
JPRS 24502

LA-Cuba
Econ
May 64

258, 798

Equipment of Officers (Official Military Order).
9 pp. ID 2137016

FRENCH, par, Feuille Officielle Militaire, No 3,
Jun 1959, pp 89-97.

ACSI H-5643

REUR - France

MI1

Apr 60

111,907

Theory of Regulation and Control, by W. Oppelt,
19 pp.

GERMAN, per, Fiat, 1939-1946 Report, No
Further Reference.

SLA Tr 3115

Sci

AUG 58

68,622

Boron Compounds, by Joseph Goubeau, 36pp
GERMAN, per, FIAT Review of German Science, 1939-46
pp 215-238
SIA TT-64-20247

Sci - Chem
June 67

328,890

Hydrogen Compounds, by Egon Wiberg, 47pp
GERMAN, per, FIAT Review of German Science,
1948, pp 125-166
SLA TT-64-20246

Sci - Chem
June 67

328,900